Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

SECRET

PRIORITY

OUT63685

1967 NOV 28 04 35Z

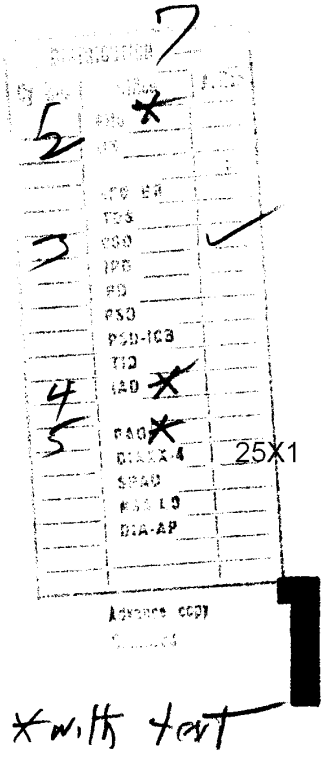
P 280322Z NOV 67
FM NPIC WASHDC
TO AIG NINE SEVEN FIVE
BT
S E C R E T CITE NPIC 2341
MISSION GL G-996 27 NOV 67

((TEXT AS FOLLOWS IDENTICAL TO ABOVE MISSION))

S E C R E T

END OF MESSAGE

S/C NOTE: ALSO PASSED



*with text

Declass Review by NGA

SECRET

GROUP 1
Excluded from automatic downgrading and declassification

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

MISSION GL 6P996 27 NOV 67

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-996, 25 NOV 67. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMIREX TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C @CLEAR¤, SC @SCATTERED CLOUD COVER¤, HC @HEAVY CLOUD COVER¤, H @HAZE¤, CS @CLOUD SHADOW¤, SD @SEMIDARKNESS¤, GC @GROUND COVER¤, CF @CAMOUFLAGE¤, O @OBLIQUITY¤, AND GR @GROUND RESOLUTION¤.

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G @GOOD¤, F @FAIR¤, OR P @POOR¤. THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T @TOTAL¤ OR PT @PARTIAL¤. THE MODE OF COVERAGE IS SIGNIFIED BY ST @STEREO¤, NS @NONSTEREO¤, OR PS @PARTIAL STEREO¤.

AAA DEFENSES ARE DIVIDED INTO FOUR BASIC CATEGORIES -- LIGHT @21-75 MM¤, MEDIUM @76-100 MM¤, HEAVY @OVER 100 MM¤, AND AUTOMATIC WEAPONS @ZPU-1, ZPU-2, AND ZPU-4¤. IF THE CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED @EXAMPLE -- 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED¤.

MISSILES

CAMPO FLORIDO SAM SITE A@7-2 CU 2309N @8202W
OB -- 6 EMPLACED LAUNCHERS @3 WITH MISSILES¤, 9 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, AN ACQUISITION RADAR WITH ASSOCIATED GENERATOR VAN, 10 TRACKED PRIME MOVERS, 11 TRUCK TRACTORS, 6 CARGO TRUCKS, AND 1 VAN TRUCK.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

EL CANO SAM SITE CU 2303N @8229W
OB -- PERMANENT SITE -- 6 EMPLACED LAUNCHERS, A PROBABLE FAN SONG RADAR, A PROBABLE ACQUISITION RADAR WITH AN ASSOCIATED VAN TRAILER, AND 10 OTHER VEHICLES.
ADJACENT TEMPORARY SITE -- IDENTIFICATION ONLY.

[redacted] 25X1

GUANABACOA SAM SITE A14-2 CU 2305N @8216W
OB -- 6 EMPLACED LAUNCHERS @2 WITH MISSILES¤, 12 MISSILE TRANSPORTERS, AN OCCUPIED CENTRAL GUIDANCE REVETMENT, AN OCCUPIED ACQUISITION RADAR REVETMENT, AND 11 TRACKED PRIME MOVERS.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

GUARA SAM SITE A29-2 CU 2248N @8213W
OB -- 6 EMPLACED LAUNCHERS, 6 MISSILE TRANSPORTERS, AND AN OCCUPIED GUIDANCE AREA.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

Take out

OUT63685

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4 25X1

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

MARIEL SAM SITE 2 A30-2 CU 2308N 08248W
OB -- 6 EMPLACED LAUNCHERS, 3 MISSILE TRANSPORTERS, AN
[redacted] GUIDANCE REVETMENT, AN OCCUPIED
ACQUISITION RADAR REVETMENT, 9 TRACKED PRIME MOVERS,
AND 23 OTHER VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

PUNTA BRAVA SAM SITE A29-2 CU 2301N 08231W
OB -- 5 EMPLACED LAUNCHERS Ø3 WITH MISSILES¤, 1
PROBABLE EMPLACED LAUNCHER, 7 MISSILE TRANSPORTERS, AND
AN OCCUPIED CENTRAL GUIDANCE REVETMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

RANCHUELO SAM SITE A33-2 CU 2223N 08010W
OB -- 6 EMPLACED LAUNCHERS, 10 MISSILE TRANSPORTERS, A
FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, A
PROBABLE ACQUISITION RADAR WITH GENERATOR VAN, AND AT
LEAST 15 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

SANTA ISABEL DE LAS LAJAS SAM SITE A35-2 CU 2228N 08018W
OB -- 6 EMPLACED LAUNCHERS, 12 MISSILE TRANSPORTERS, A
FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, A SPOON
REST RADAR WITH GENERATOR VAN, 12 ZIL-157V TRUCK
TRACTORS, 4 CARGO TRUCKS, AND 3 OTHER VAN TRAILERS.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

CONSTANCIA SAM SITE A18-2 CU 2214N 08030W
OB -- 6 EMPLACED LAUNCHERS, 11 MISSILE TRANSPORTERS, A
FAN SONG RADAR WITH 5 ASSOCIATED VAN TRAILERS, AN
ACQUISITION RADAR WITH GENERATOR VAN, 9 AT-S TRACKED
PRIME MOVERS, 12 ZIL-157V TRUCK TRACTORS, 18 CARGO
TRUCKS, AND 1 TRUCK-MOUNTED CRANE.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

SANTA FE SAM SITE A30-2 CU 2147N 08250W
OB -- 6 EMPLACED LAUNCHERS Ø1 WITH EXPOSED MISSILE¤, 8
MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 6
ASSOCIATED VAN TRAILERS, 17 ZIL-157-V TRUCK TRACTORS,
AND 9 PRIME MOVERS.
ACTIVITY -- ONE 6-GUN AAA SITE.
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

[redacted] 25X1

PUNTA BALLENATOS SAM SITE CU 2304N 08229W
OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES. TWO LAUNCH REVETMENTS ARE NOW
DRIVE-IN AND NOT DRIVE-THROUGH. FACILITIES INCLUDE 11
BUILDINGS Ø7 UNDER CONSTRUCTION¤.

SEC 2

[redacted] 25X1

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

LA HABANA SAM SITE FORT DE LA CABANA 2358N 08224W
OB -- NONE OBSERVED.
CONSTRUCTION CONTINUES. THE CENTRAL GUIDANCE BUNKERS ARE NOW EARTH COVERED.

[redacted] 25X1

SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU 2309N 08156W
OB -- NONE OBSERVED.
ACTIVITY -- 3 PROBABLE VAN TRAILERS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

GUANABO CRUISE-MISSILE SITE CU 2309N 08203W
OB -- NONE OBSERVED.

[redacted] 25X1

EL CHICO SAM TRAINING AREA A87-2 CU 2308N 08226W
OB -- 6 FA PIECES, 26 CARGO TRUCKS, AND 49 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

AIR FACILITIES

SIGUANEA AIRFIELD CU 2138N 08257W
OB -- 3 CRATE.

[redacted] 25X1

KAWAMA AIRFIELD CU 2307N 08117W
OB -- NONE OBSERVED.

[redacted] 25X1

SAN JULIAN AIRFIELD CU 2205N 08409W
OB -- 1 CRATE, 13 COLT, 12 ZLIN TRENER, 8 LIAISON, AND 1 HOUND.

[redacted] 25X1

JOSE MARTI INTERNATIONAL AIRFIELD CU 2259N 08224W
OB -- 1 CLEAT, 1 BRITANNIA, 1 C-54, 2 COKE, AND 4 CRATE.

[redacted] 25X1

CAMPO LIBERTAD AIRFIELD CU 2305N 08226W
OB -- 7 FAGOT/FRESCO, 6 COLT, 22 HOUND, AND 17 HELICOPTER FUSELAGES.

[redacted] 25X1

PLAYA BARACOA AIRFIELD CU 2302N 08234W
OB -- 1 CRATE, 1 COKE, AND 2 COLT.

[redacted] 25X1

NUEVA GERONA AIRFIELD CU 2150N 08246W
OB -- 1 PROBABLE COLT.

[redacted] 25X1

JAIME GONZALES AIRFIELD CU 2209N 08024W
OB -- NONE OBSERVED.

[redacted] 25X1

NAVAL ACTIVITY/PORTS

CABANAS NAVAL BASE CU 2258N 08258W
OB -- 11 KOMAR PTG.

[redacted] 25X1

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

Approved For Release 2007/01/18 : CIA-RDP78B03817A000900040008-4

SIGUANEA NAVAL BASE CU 2136N 08258W
OB -- 2 YP.

[redacted] 25X1

CIENFUEGOS PORT A NAVAL FACILITIES CU 2208N 08027W
OB -- 2 KRONSHTADT PC, 9 P-6 PT, 1 P-4 PT, AND 2 LCM.
OTHER VESSELS -- 1 FREIGHTER.

[redacted] 25X1

LA ISABELA PORT FACILITIES CU 2256N [redacted]W
VESSELS -- 1 FREIGHTER.

[redacted] 25X1

CARDENAS PORT CU 2302N 08111W
VESSELS -- 2 FREIGHTERS.

[redacted] 25X1

MATANZAS PORT FACILITIES CU 2302N 08134W
VESSELS -- 3 FREIGHTERS.

[redacted] 25X1

LA HABANA PORT FACILITIES CU 2307N 08220W
OB -- 1 AGM OSSESS¤, 1 PF, 2 KRONSHTADT PC, 6 S.O.1 SC,
3 KOMAR PTG G2 ON MARINE RAILWAY¤, AND 2 FLOATING
DRYDOCKS.
OTHER VESSELS -- 24 FREIGHTERS AND 1 LARGE TANKER.

[redacted] 25X1

BAHIA HONDA PORT CU 2255N 08310W
NO LARGE VESSELS OBSERVED IN PORT. ONE KOMAR PTG
OBSERVED HEADING NORTH 2 NM FROM PORT AND 3 P-4/P-6 PT
HEADING SOUTH 18-20 NM FROM PORT.

[redacted] 25X1

PUNTA BALLENATOS NAVAL FACILITY CU 2305N 08230W
OB -- 5 P-4 PT AND 1 PROBABLE YP.

[redacted] 25X1

ELECTRONICS/COMMUNICATIONS
BAHIA HONDA EW/GCI RADAR SITE 2 CU 2255N 08312W
OB -- 1 TOKEN-TYPE RADAR AND AT LEAST 7 OTHER
VEHICLES/PIECES OF EQUIPMENT.

[redacted] 25X1

LA HABANA RADAR FACILITY COJIMAR CU 2308N 08219W
OB -- 1 POSSIBLE TOKEN-TYPE RADAR AND 7 OTHER
VEHICLES/PIECES OF EQUIPMENT.

SEC 3

[redacted] 25X1

SAN JULIAN RADAR FAC AFLD GUANE CU 2206N 08409W
OB -- 1 TOKEN-TYPE RADAR.

[redacted] 25X1

CABANAS RADAR FACILITY CAYO TOMAS CU 2259N 08259W
OB -- 1 PROBABLE LOW SIEVE RADAR.

[redacted] 25X1

CARDENAS RADAR FAC HICACOS PENINSULA CU 2311N 08108W
OB -- NONE OBSERVED.

[redacted] 25X1

RANCHO LUNA [redacted]

Approved For Release 2007/01/18 : CIA-RDP78B03817A000900040008-4

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

OB -- 1 LOW SIEVE RADAR.

[redacted] 25X1

SANTA CRUZ DEL NORTE RADAR SITE CU 2308N 08155W
OB -- 1 POSSIBLE TOKEN-TYPE RADAR AND 5 OTHER
VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

MILITARY ACTIVITY
LA HABANA BARRACKS COJIMAR CU 2309N 08215W
OB -- AT LEAST 100 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LOURDES MILITARY CAMP TORRENS CU 2259N 08227W
OB -- 98 CARGO TRUCKS, 3 VAN TRUCKS, 2 CARGO TRAILERS,
AND 15 OTHER VEHICLES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

GUANABACOA FIELD ARTILLERY BN HQ CU 2308N 08210W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CAMPO FLORIDO MILITARY CAMP EAST CU 2307N 08206W
OB -- NONE OBSERVED.
ACTIVITY -- 3 OCCUPIED 3-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CAMPO FLORIDO MILITARY CAMP WSW CU 2306N 08211W
OB -- 34 FA PIECES, 45 CARGO TRUCKS, 17 UTILITY TRUCKS,
AND 2 VAN TRUCKS.
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LA HABANA ARMY BARRACKS GUANABACOA CU 2307N 08215W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

JURAGUA MILITARY CAMP NW CU 2209N 08035W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LIMONAR MILITARY CAMP CAMPO DE TIRO SE CU 2255N 08124W
OB -- NONE OBSERVED.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

LIMONAR MILITARY TRAINING AREA CU 2254N 08121W
OB -- 11 TANKS/SP GUNS AND 1 VAN TRUCK.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

OB -- 18 PROBABLE TANKS/SP GUNS AND 20 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

MINAS MILITARY CAMP JESUS MARIA FINCA CU 2386N 08211W
OB -- 2 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SANTA FE MILITARY CAMP LA CLARITA CU 2144N 08247W
OB -- MAIN CAMP -- NONE OBSERVED.
CAMP 1.5 NM WNW -- NONE OBSERVED.
CAMP 4.8 NM NW -- 5 CARGO TRUCKS AND 3 UTILITY TRUCKS.
CONSTRUCTION OF BARRACKS ADJACENT TO THE CAMP HAS BEEN COMPLETED. FACILITIES INCLUDE 4 BARRACKS, 1 ADMINISTRATION BUILDING, 5 PROBABLE QUARTERS, AND 7 SUPPORT BUILDINGS. CONSTRUCTION CONTINUES ON THE DRIVE-THROUGH BUNKERS.

[redacted] 25X1

SANTA FE MILITARY CAMP LUMUMBA CU 2142N 08249W
OB -- 3 VEHICLES/PIECES OF EQUIPMENT.

[redacted] 25X1

SANTA FE MILITARY CAMP EAST CU 2144N 08244W
OB -- 6 FA, 6 AAA, AND 1 CARGO TRUCK.
ACTIVITY -- TWO 6-GUN AAA SITES.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CHORRERA DE MANAGUA MILITARY CAMP W CU 2302N 08219W
OB -- AT LEAST 30 VEHICLES/PIECES OF EQUIPMENT.
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

SIGUANEA MILITARY BARRACKS CU 2137N 08257W
OB -- 2 PROBABLE TANK TRUCKS AND 3 OTHER VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

SEC 4 of 4

[redacted] 25X1

OBOURKE MILITARY CAMP CU 2209N 08027W
OB -- 14 FA PIECES AND 9 CARGO TRUCKS.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

EL CANO MILITARY ACTIVITY CU 2303N 08228W
OB -- NONE OBSERVED.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

CAMPO LIBERTAD VEHICLE PARK CU 2304N 08227W
OB -- AT LEAST 225 VEHICLES AND PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

[redacted] 25X1

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4

ALTURAS DE BELEN VEHICLE PARK CU 2305N 08224W
OB -- 22 VEHICLES/PIECES OF EQUIPMENT.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

ENSENADA COLORADO LANDING BEACH CU 2202N 08025W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

PENINSULA DE HICACOS LANDING BEACH CU 2311N 08130W
NO NEW MILITARY ACTIVITY OBSERVED.

[redacted] 25X1

ANTON RECIO MILITARY CAMP CU 2211N 08058W
OB -- 10 TANKS, 1 CARGO TRUCK, AND 1 PROBABLE CARGO TRUCK.
NO APPARENT CHANGE IN FACILITIES.

[redacted] 25X1

-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

TARARA LANDING BEACH	2310N 08211W
MATANZAS LANDING BEACH	2301N 08126W
CIENFUEGOS LANDING BEACH	2202N 08036W
PLAYA COLOMBO LANDING BEACH	2154N 08246W
PLAYA DE FLAMENCOS LANDING BEACH	2153N 08243W
ENSENADA DE PLAYUELAS LANDING BEACH	2246N 08349W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

EL CANO SAM SITE 2	2303N 08229W
SANTA CLARA SAM SITE A34-2	2229N 08000W
TORRENS SAM ASSEMBLY AREA	2257N 08227W
LA CATALINA SAM SITE A34-2	2258N 08200W
LA ESPERANZA SAM ASSEMBLY AREA	2227N 08000W
CAMILO CIENFUEGOS AIRFIELD	2229N 07956W
MARIEL NAVAL BASE AND NAVAL AIR STATION	2259N 08244W
NUEVA GERONA PORT FACILITIES	2153N 08248W
SANTA CLARA AW RADAR FACILITY	2230N 07956W
BAHIA HONDA AW RADAR FACILITY	2258N 08311W
LA HABANA RADAR FACILITY EL MORRO NO 1	2309N 08221W
SAGUA LA GRANDE EW/GCI RADAR SITE 2	2248N 08006W
SAN MIGUEL EW/GCI RADAR SITE	2229N 07953W
RANCHO BOYEROS MIL TRAINING AREA A CAMP	2300N 08218W
MANAGUA MILITARY CAMP	2258N 08217W
SAN DIEGO DE NUNEZ MILITARY CAMP	2254N 08305W
SANTA CLARA ARTILLERY TRAINING AREA	2222N 08000W
SANTA CLARA STORAGE AREA UG	2220N 07957W
SANTA CLARA MILITARY CAMP SOUTH	2222N 07958W
SANTA CLARA MILITARY CAMP SANTA EULOGIA	2223N 07957W
SANTA MARIA DEL ROSARIO VEHICLE PARK	2303N 08215W
LAS MERCEDES VEHICLE PARK	2224N 08001W
LA CHARCA MILITARY ACTIVITY	2246N 08036W

Approved For Release 2007/01/19 : CIA-RDP78B03817A000900040008-4